

THE UNITED STATES PATENT AND TRADEMARK OFFICE

COMPLETION OF FILING NATIONAL PHASE OF PCT APPLICATION

UNDER RULE 35 USC 371 AND 37 CFR 1.494(C) OR 1.495(C)

BOX PCT

COMPLETION For PCT Cases Only

In re PATENT APPLICATION of

Inventor(s): Charles Lerman

Attn: Application Division

 Appln. No.: 10 048,022
 Series Code ↑ Serial No. ↑

 Atty. Dkt. P 0290430 Z70564/UST
 M# Client Ref

National Phase

 Based on PCT US00 20401
 ↑ Country Code & Year

 Title: Analysis and Pattern Recognition in Large, Multi-Dimensional
 Data Sets Using Low-Resolution Data Grouping

Date: June 14, 2002

FILING OF ITEM(S) LATE IN PCT/USA NATIONAL CASE

Asst. Commissioner of Patents

Washington, DC 20231

Sir:

The following completes the filing of the subject application under Rule 494(c)/495(c). Please accept the following attached items:

1. Missing Requirements Notice (PCT/DO/EO/905) ☒ copy attached ☐ not yet received
2. ☒ **Signed Declaration** ☒ Original ☐ Facsimile/Copy ☐ with spec/claims attached
3. ☐ **Translation** of the International Application into English including:
 - a. ☐ Request;
 - b. ☐ Abstract
 - c. ☐ pgs. Spec. and Claims;
 - d. ☐ Translation verification
 - e. ☐ sheets Drawing which are: ☐ informal ☐ formal of size ☐ A4 ☐ 11"
4. ☐ Copy of **International Search Report (ISR)** attached (☐ page(s))
 - a. ☐ plus Annex of family members (☐ page(s))
5. **Information Disclosure Statement** including
 - a. ☐ From PTO-1449 listing documents
 - b. ☐ Copies of document(s) listed on Form PTO-1449
 - c. ☐ A concise explanation of ISR references is given in the ISR
6. ☒ **Assignment** and cover sheet. Please return the recorded assignment to the undersigned.
7. ☐ Copy of Power to international application agent.
8. ☐ (No.) Small Entity Statement(s) establishing "small entity" status under Rules 9 & 27.
9. ☐ Formal Drawings: ☐ sheet(s) ☐ informal; ☐ formal of size: ☐ A4 ☐ 11"
10. ☒ Please immediately start national examination procedures (35 USC 371(f))

11. ☐ Attached:
12. ☐ Preliminary Amendment:
13. ☒ Basic U.S. National fee per Rule 492(a)(1)-(4) was previously timely filed.:
14. **Calculation of remaining fees due (if any):** based on amended claim(s) per above item
☐ 12 (above) or item(s) in PAT-112 (filed previously) ☐ 12 ☐ 14 ☐ 17 ☐ 25
15. **CLAIMS FEES** ☒ previously paid ☐ paid herewith as follows:
- 15A. Small Entity Statement ☐ Herewith ☐ Previously Filed

		Large/Small Entity		Fee Code
16. Total Effective Claims		minus 20 =	x \$18/\$9	+0 966/967
17. Independent Claims		minus 3 =	x \$84/\$42	+0 964/965
18. If any proper multiple dependent claim (ignore improper) is present,			\$280/\$140	+0 968/969
19. Filing Declaration late, fee paid <input type="checkbox"/> previously <input checked="" type="checkbox"/> now			\$130/\$65	+130 154/254
20.	SUBTOTAL			\$130
21. Original due date: June 17, 2002				
22. Petition is hereby made to extend the original due date to	(1 mo)	\$110/\$55 =	+0	115/215
cover the date this response is filed for which the requisite fee	(2mos)	\$400/\$200 =		116/216
is attached	(3mos)	\$920/\$460 =		117/217
	(4mos)	\$1,440/\$720 =		118/218
23. If "non-English" box 3 is X'd, add Rule 17(k) processing fee		\$130	+0	156
24. If "assignment" box 6 is X'd, add recording fee		\$40	+40	581
25.	TOTAL FEE =			\$170

CHARGE Deposit Account No. 03-3975

Our Order No. 009901 0290430
 C# M#

**PLEASE CHARGE
DEPOSIT ACCOUNT**

CHARGE STATEMENT: The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

**Pillsbury Winthrop LLP
Intellectual Property Group**

P.O. Box 10500
McLean, VA 22102
Tel: (703) 905-2000

By Atty: Robert W. Hahl Reg. No. 33,893
 Sig: [Signature] Fax: (703) 905-2500
 Tel: (703) 905-2251

RWH/kmh

NOTE: File in duplicate with PTO receipt (PAT-103A) and attachments

06/18/2002 SHAJARRO 00000035 033975 10048022

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UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
 United States Patent and Trademark Office
 Washington, D.C. 20231
 www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/048,022	FIRST NAMED APPLICANT Charles Lerman	ATTY. DOCKET NO. P 0290430
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RECEIVED
 PILLSBURY WINTHROP LLP/VA

00909
 PILLSBURY WINTHROP, LLP
 P.O. BOX 10500
 MCLEAN, VA 22102

APR 25 2002

INTERNATIONAL APPLICATION NO. PCT/US00/20401	
I.A. FILING DATE 07/27/2000	PRIORITY DATE 07/27/1999

CL 9901 MT# 290430
 ATTY(S) PLS LWT
 DUE: 106-17-02
 DKT BY (1) LWS (2) deln

CONFIRMATION NO. 1233
 371 FORMALITIES LETTER



OC000000007872858

Date Mailed: 04/17/2002

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Priority Document
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Preliminary Amendments
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than the appropriate 30 months months from the priority date (37 CFR 1.492(e)) is required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Additionally the following defects have been observed:

- Additional claim fees of \$298 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$428 for a Large Entity:

- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$298
 - \$18 for 29 total claims over 20.
 - \$280 for multiple dependant claims surcharge.

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

PATRICIA A BOOKER

Telephone: (703) 305-3738

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/048,022	PCT/US00/20401	P 0290430